

=> d his full

(FILE 'HOME' ENTERED AT 14:15:49 ON 03 JUL 2007)

FILE 'REGISTRY' ENTERED AT 14:15:58 ON 03 JUL 2007

L1 STRUCTURE UPLOADED

L2 0 SEA SSS SAM L1

L3 4 SEA SSS FUL L1

FILE 'CAPLUS' ENTERED AT 14:16:28 ON 03 JUL 2007

L4 3 SEA ABB=ON PLU=ON L3

D IBIB AB HITSTR 1-3

FILE 'MARPAT' ENTERED AT 14:27:51 ON 03 JUL 2007

L5 3 SEA ABB=ON PLU=ON L4

L6 0 SEA ABB=ON PLU=ON L5 NOT L4

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 2 JUL 2007 HIGHEST RN 940883-34-1

DICTIONARY FILE UPDATES: 2 JUL 2007 HIGHEST RN 940883-34-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

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<http://www.cas.org/support/stngen/stndoc/properties.html>

FILE CAPLUS

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FILE COVERS 1907 - 3 Jul 2007 VOL 147 ISS 2

FILE LAST UPDATED: 2 Jul 2007 (20070702/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

FILE MARPAT

FILE CONTENT: 1961-PRESENT VOL 146 ISS 26 (20070629/ED)

SOME MARPAT RECORDS ARE DERIVED FROM INPI DATA FOR 1961-1987

MOST RECENT CITATIONS FOR PATENTS FROM MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

| | | | | |
|----|--------------|----|-----|------|
| US | 2007112230 | 17 | MAY | 2007 |
| DE | 102005054037 | 16 | MAY | 2007 |
| EP | 1785474 | 16 | MAY | 2007 |
| JP | 2007126730 | 24 | MAY | 2007 |
| WO | 2007057920 | 24 | MAY | 2007 |
| GB | 2432157 | 16 | MAY | 2007 |
| FR | 2893027 | 11 | MAY | 2007 |
| RU | 2299229 | 20 | MAY | 2007 |
| CA | 2577439 | 07 | MAY | 2007 |

Expanded G-group definition display now available.

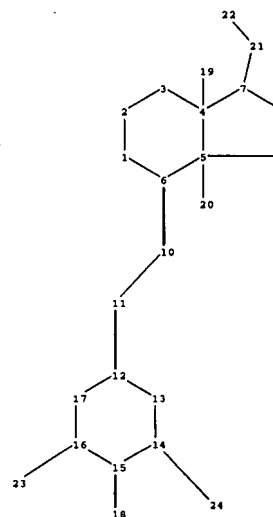
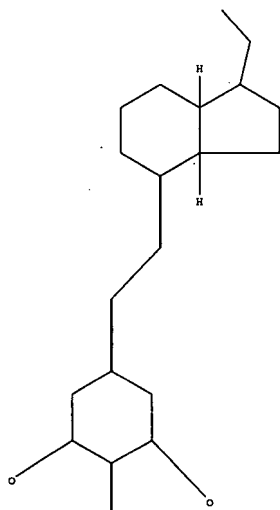
=> d que stat

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

| | | | | | | | |
|----|---|-----|---------------|--------|--------|----|--------|
| L3 | 4 | SEA | FILE=REGISTRY | SSS | FUL | L1 | |
| L4 | 3 | SEA | FILE=CAPLUS | ABB=ON | PLU=ON | L3 | |
| L5 | 3 | SEA | FILE=MARPAT | ABB=ON | PLU=ON | L4 | |
| L6 | 0 | SEA | FILE=MARPAT | ABB=ON | PLU=ON | L5 | NOT L4 |



chain nodes :

10 11 19 20 21 22 23 24

ring nodes :

1 2 3 4 5 6 7 8 9 12 13 14 15 16 17

ring/chain nodes :

18

chain bonds :

4-19 5-20 6-10 7-21 10-11 11-12 14-24 15-18 16-23 21-22

ring bonds :

1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-9 7-8 8-9 12-13 12-17 13-14 14-15 15-16 16-17

exact/norm bonds :

14-24 16-23

exact bonds :

1-2 1-6 2-3 3-4 4-5 4-7 4-19 5-6 5-9 5-20 6-10 7-8 7-21 8-9 10-11 11-12 12-13 12-17
13-14 14-15 15-16 15-18 16-17 21-22

isolated ring systems :

containing 1 : 12 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS11:CLASS12:Atom
13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS19:CLASS20:CLASS21:CLASS22:CLASS23:CLASS
24:CLASS

=> d his full

(FILE 'HOME' ENTERED AT 14:42:25 ON 03 JUL 2007)

FILE 'REGISTRY' ENTERED AT 14:43:15 ON 03 JUL 2007

L1 STRUCTURE UPLOADED
L2 STRUCTURE UPLOADED
L3 1 SEA SSS SAM L1
 D SCAN
L4 35 SEA SSS FUL L1
L5 0 SEA SSS SAM L2
L6 15 SEA SSS FUL L2

FILE 'CAPLUS' ENTERED AT 14:44:49 ON 03 JUL 2007

L7 10 SEA ABB=ON PLU=ON L4
 D IBIB AB HITSTR 1-10
L8 9 SEA ABB=ON PLU=ON L6
 D IBIB AB HITSTR 1-9

FILE HOME

FILE REGISTRY

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FILE CAPLUS

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FILE COVERS 1907 - 3 Jul 2007 VOL 147 ISS 2

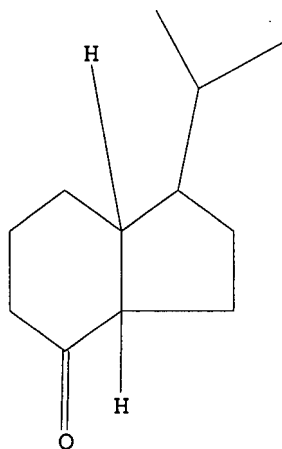
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=> d que stat

L2 STR



G1 CN,H

Structure attributes must be viewed using STN Express query preparation.

L6 15 SEA FILE=REGISTRY SSS FUL L2

L8 9 SEA FILE=CAPLUS ABB=ON PLU=ON L6

=> d que stat l1

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.